

A detailed listing of all claims in the application is presented below. This listing of claims will replace all prior versions, and listings, of claims in the application. All claims being currently amended are submitted with markings to indicate the changes that have been made relative to immediate prior version of the claims. The changes in any amended claim are being shown by strikethrough (for deleted matter) or underlined (for added matter).

Note: The claims marked "original" are the claims as they stood at entry to National Phase of this PCT application, incorporating changes made under PCT Article 19 received by the International Bureau on April 22, 2003.

1. (currently amended) Method for industrial ~~producing~~ production of bubbly alcohol-containing beverages where a base mix is prepared and subsequently subjected to ~~controlled~~ alcohol fermentation in an air-tight ~~system~~, space, ~~then to~~ stabilization and filtration, all taking place in the same air-tight space, the resultant beverages remain within that space until the moment of their consumption, when filtration and stabilisation take place simultaneously, characterized by the fact that the alcohol fermentation is controlled and the pressure in the air-tight space is kept constant from the moment of the completion of the fermentation, during storage and transportation, until total consumption of the beverages, ~~stabilization and filtration are carried out in one and the same air-tight space and the resultant bubbly beverage remains in that space till the moment of its consumption, when the filtration and stabilization are carried out simultaneously.~~

Cancel claim 2.

3. (currently amended) The method of claim 1, ~~Method for industrial producing production of~~ ~~bubbly alcohol-containing beverages according to claims 1 and 2~~, characterized by the fact that prior to consumption, the ~~beverage is~~ beverages are conditioned, in accordance with the consumer's taste, by the addition of pre-dozed filling solution.

4. (currently amended) The method of claim 1, Method for industrial producing of bubbly alcohol-containing beverages according to claims 1 and 2, characterized by the fact that prior to consumption, the ~~beverage is~~ beverages are conditioned, in accordance with the consumer's taste, by the addition of pre-dozed fruit concentrate.

5. (currently amended) The method of claim 1, in which the Method for industrial producing of bubbly alcohol-containing beverages where a pre-stabilized, clarified and filtered base mix is prepared, containing the necessary quantities of from a mixture of fermentable sugar and pure yeast culture, ~~which is subsequently subjected to controlled alcohol fermentation in an air-tight system, characterized by the fact that~~ and the pure yeast culture in the base mix is immobilized, ~~the resultant bubbly beverage remains in the air-tight space where it had fermented until the moment of its consumption.~~

Cancel claim 6.

7. (currently amended) The method of claim 1, in which the air-tight space comprises A device for industrial production of bubbly alcohol-containing beverages, realizing the method under claims 1 and 2, consisting of a container, whose comprising a cylindrical body having an axis, a spherical upper end and a spherical lower end and an inner surface is suitable for contact with foodstuffs, and whose upper ~~part~~ end has an opening, in which a ~~plug head has been screwed tight, continuing in piping~~ plugging contrivance is fitted and fixed, passing into a pipe whose axis coincides with the container's axis of the body of the container, the a lower end of the piping being very close to the bottom end of the container and being fitted provided with a filtering element, ~~characterized by the fact that the container (1) is a standard metal cylindrical keg with spherical upper (14) and lower (15) ends, the plug head (3) is a standard multifunctional plug-head, and inside the lower open end of the pipe (4), a~~ the filtering element (5) is fitted inside the piping (4), sealed to its lower end by a sealing ring (6).

8. (currently amended) ~~Device according to~~ The method of claim 7, characterized by the fact that the filtering element (5) is made of porous material with pore size less than 100 μm and is

formed as a hollow cylinder whose outer surface is provided with a multitude of distancing drop-like protrusions (21), spaced along ~~the~~ its surface, the upper end (22) of the ~~said~~ filter (5) is closed, and the lower end (23) ~~of the said filter (5)~~ is open to the volume of the container (1), along a ~~the~~ lower periphery on the outside of the ~~said~~ filter element (5) a ring (24) is formed, whose outer diameter is larger than the outer diameter of the ~~piping pipe~~ (4), and on the upper surface of the ~~said~~ ring (24) a bed is formed receiving the ~~said~~ sealing ring (6).

9. (currently amended) The method of claim 7, in which an ~~Device according to the claims 7 and 8, characterized by the fact that the~~ inlet (25) of the multifunctional plug head (3) of the keg container (16) is connected to monitoring and controlling devices (7), and ~~the~~ an outlet (26) of the ~~said~~ head (3) is closed.
10. (currently amended) The method of claim 7, in which an ~~Device according to the claims 7 and 8, characterized by the fact that the~~ inlet (25) of the ~~said~~ multifunctional plug head (3) of the ~~said~~ keg container (16) is connected via a reduction valve (9) to a gas container (8) containing pressurized carbon dioxide, the outlet (26) of the said head (3) is closed, and the keg container (16) is turned with its lower end (15) up.
11. (currently amended) The method of claim 7, in which an ~~Device according to the claims 7 and 8, characterized by the fact that the~~ inlet (25) of the multifunctional plug head (3) of the keg (16) is connected equipressurally to the outlet of a fermentation tank (11), containing a non-stabilized bubbly alcohol-containing beverage.
12. (currently amended) The method of claim 7, in which the container further comprises a ~~Device according to the claims 7 and 8, characterized by the fact that said protruding cylindrical band (2) consists of~~ having an upper part (2') and a lower part (2'') fixed, respectively, above and below ~~the~~ joining planes of the end parts (14 and 15) to the cylindrical body ~~surface~~ of the container (1), so that ~~the~~ outer edges (17 and 18) of the upper part and lower part of the band bands (2', 2'') extend beyond the length of the said container (1), and the upper cylindrical band 2' is provided with two opposite openings 31.

Cancel claim 13.

14. (new) Method for industrial production of bubbly alcohol-containing beverages where a base mix is prepared and subsequently subjected to carbonation in an air-tight space, and the resultant beverages remain within that space until the moment of their consumption, characterized by the fact that the pressure in the said air-tight space is kept constant during carbonation, storage and transportation until total consumption of the beverages.
15. (new) The method of claim 14 characterized by the fact that prior to consumption, the beverages are conditioned, in accordance with the consumer's taste, by the addition of pre-dozed filling solution.
16. (new) The method of claim 14, characterized by the fact that prior to consumption, the beverages are conditioned, in accordance with the consumer's taste, by the addition of pre-dozed fruit concentrate.
17. (new) The method of claim 14, further comprising the steps of stabilisation and filtration, all taking place in the same air-tight space as the carbonation step, and the filtration and stabilisation take place simultaneously.
18. (new) The method of claim 14, in which the air-tight space comprises a container comprising a cylindrical body having an axis, a spherical upper end and a spherical lower end and an inner surface suitable for contact with foodstuffs, and whose upper end has an opening, in which a plugging contrivance is fitted and fixed, passing into a pipe whose axis coincides with the axis of the body of the container, a lower end of the piping being very close to the bottom end of the container and provided with a filtering element, the plug head (3) is a standard multifunctional plug-head, and inside the lower open end of the pipe (4), a filtering element (5) is fitted, sealed to its lower end by a sealing ring (6).
19. (new) The method of claim 18, characterized by the fact that the filtering element (5) is made of porous material with pore size less than 100 μm and is formed as a hollow cylinder whose outer surface is provided with a multitude of distancing drop-like protrusions (21),

spaced along its surface, the upper end (22) of the filter (5) is closed, and the lower end (23) is open to the volume of the container (1), along a lower periphery on the outside of the filter element (5) a ring (24) is formed, whose outer diameter is larger than the outer diameter of the pipe (4), and on the upper surface of the ring (24) a bed is formed receiving the sealing ring (6).

20. (new) The method of claim 18, in which an inlet (25) of the multifunctional plug head (3) of the container (16) is connected to monitoring and controlling devices (7), and an outlet (26) of the head (3) is closed.
21. (new) The method of claim 18, in which an inlet (25) of the multifunctional plug head (3) of the container (16) is connected via a reduction valve (9) to a gas container (8) containing pressurized carbon dioxide, the outlet (26) of the said head (3) is closed, and the container (16) is turned with its lower end (15) up.
22. (new) The method of claim 7, in which an inlet (25) of the multifunctional plug head (3) of the keg (16) is connected equipressurally to the outlet of a fermentation tank (11), containing a non-stabilized bubbly alcohol-containing beverage.
23. (new) The method of claim 7, in which the container further comprises a protruding cylindrical band (2) having an upper part (2') and a lower part (2'') fixed, respectively, above and below joining planes of the end parts (14 and 15) to the cylindrical body of the container (1), so that outer edges (17 and 18) of the upper part and lower part of the band extend beyond the length of the said container (1), and the upper cylindrical band 2' is provided with two opposite openings 31.